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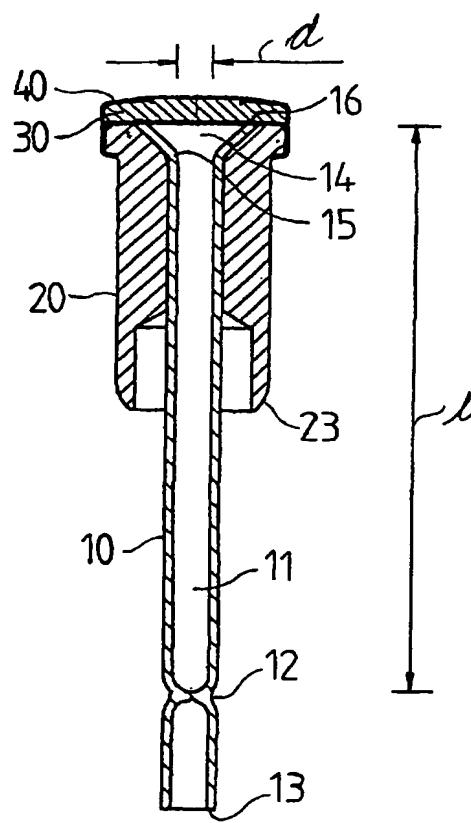
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(54) Title: VESSEL FOR PERFORMING MICROWAVE-ASSISTED CHEMISTRY ON SMALL VOLUMES OF REAGENTS



(57) Abstract: A micro vial assembly for performing microwave-assisted chemical reactions on small reaction mixture volumes is disclosed, wherein a reaction vessel (10) is sealed through a diaphragm (30) that is capped over an open end of the reaction vessel. The reaction vessel mounts in an end plane of a sleeve (20) surrounding the reaction vessel, the diaphragm being clamped for sealing the open end of the vessel by means of a cap (40) which is secured to the sleeve. The sleeve provides a radial extension of the reaction vessel in order to bridge the radial distance between a wall of the reaction vessel and other components in a system for performing microwave-assisted chemical reactions.



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